



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449</b>	<b>DOCKET NO.</b> 12992/90501	<b>SERIAL NO.</b> 10/824,288
	<b>APPLICANT</b> SHTEIN et al.	
	<b>FILING DATE</b> April 13, 2004	<b>GROUP</b> 2811

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
MM	5,703,436	December 30, 1997	Forrest et al.			
	5,707,745	January 13, 1998	Forrest et al.			
	5,844,363	December 1, 1998	Gu et al.			
	6,097,147	August 1, 2000	Baldo et al.			
	6,297,495	October 2, 2001	Bulovic et al.			
	6,303,238	October 16, 2001	Thompson et al.			
	6,337,102	January 8, 2002	Forrest et al.			
	6,352,777	March 5, 2002	Bulovic et al.			
	6,420,031	July 16, 2002	Parthasarathy et al.			
	6,451,415	September 17, 2002	Forrest et al.			
	6,469,437	October 22, 2002	Parthasarathy et al.			
	6,580,027	June 17, 2003	Forrest et al.			
	6,657,378	December 2, 2003	Forrest et al.			
	6,670,213	December 30, 2003	Halls et al.			
	2004-0048000	March 11, 2004	Shtein et al.			

## FOREIGN PATENT DOCUMENTS

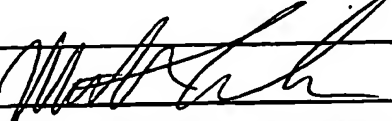
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.	
MM	Forrest, "Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques," Chem. Rev. 97, pp. 1793-1896 (1997).	
	Baldo et al., "Organic Vapor Phase Deposition," Adv. Mater. 10, 1505 (1998).	
	Peumans et al., "Efficient Photon Harvesting at High Optical Intensities in Ultrathin Organic Double-Heterostructure Photovoltaic Diodes," Applied Physics Letters, Vol 76, No. 19, pp. 2650-52 (2000).	
	Peumans et al., "Small molecular weight organic thin-film photodetectors and solar cells," J. Appl. Phys., Vol. 93, No. 7, pp. 3693-3723 (April 1, 2003).	

*Matthew Shk* 4/7/06

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
WMS		Peumans et al., "Efficient bulk heterojunction photovoltaic cells using small-molecular-weight organic thin films," Nature, Vol. 425, pp. 158-162 (September 11, 2003).
f		G. Yu, et al., "Polymer Photovoltaic Cells: Enhanced Efficiencies via a Network of Internal Donor-Acceptor Heterojunctions", Science, Volume 270, pp. 1789-1791, December 15, 1995.
f		F. Padinger et al., "Effects of Postproduction Treatment on Plastic Solar Cells", Adv. Funct. Mater. 2003, 13, No. 1. January, pp.85-88.

EXAMINER 	DATE CONSIDERED 4/7/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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	APPLICANT SHTEIN et al.	
	FILING DATE April 13, 2004	GROUP 2811

## U. S. PATENT DOCUMENTS


EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE

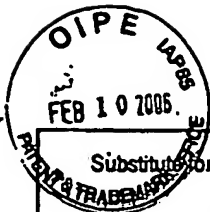
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No

## NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
ms		< <a href="http://www.oksolar.com/solar_panels/unisolar_flexibles.htm">http://www.oksolar.com/solar_panels/unisolar_flexibles.htm</a> >, "Uni-solar Flexible (USF) Unbreakable Solar Panels - Triple Junction", printed September 14, 2004.
		"UNI-POWER Solar Electric Modules Specification Sheet, Models US-64, US-42, US-32", printed from the OKSolar.com website on September 14, 2004 < <a href="http://www.oksolar.com/pdf/solar_energy_catalog/unisolar_us-64.pdf">http://www.oksolar.com/pdf/solar_energy_catalog/unisolar_us-64.pdf</a> >.
		"Amorphous Silicon (a-Si) Solar Technology", printed from United Solar Ovonic Corp. website on September 14, 2004, < <a href="http://www.uni-solar.com/Our_Technology_a_Si.html">http://www.uni-solar.com/Our_Technology_a_Si.html</a> >.
		S. Guha, et al., "Amorphous Silicon Alloy Photovoltaic Research Present and Future", Progress in Photovoltaics: Research and Applications, Prog. Photovolt. Res. Appl. 8, pp. 141-150 (2000).

EXAMINER 	DATE CONSIDERED 4/7/06
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/824,288
Filing Date	April 13, 2004
First Named Inventor	Max SHTEIN
Art Unit	2818
Examiner Name	David VU
Attorney Docket Number	12992/90501

Sheet

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of

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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
IMS		US- 6,281,430	08-28-2001	Lupo et al.	
IMS		US- 2003-042846	03-06-2003	Forrest et al.	
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> , Number <sup>2</sup> , Kind Code <sup>3</sup> (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
IMS		International Search Report dated January 31, 2006, Application No. PCT/US2005/012928.	
IMS		Kwong et al., "CUPC/C60 solar cells-influence of the indium tin oxide substrate and device architecture on the solar cell performance", Japanese J. Appl. Phys., vol. 43, no. 4A, pp. 1305-1311, April 2004.	

Examiner		Date considered	4/7/06
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